

## MIT Observer revived to emphasize student life

By Mark Bolotin

The MIT Observer, a monthly publication featuring the human interest aspect of life at MIT, will resume publication this year, according to Paul Chalmers, Professor Emeritus of English, who will serve as editor.

The Observer was formerly published by the Public Relations Office until May, 1965, when publication was ceased due to the departure of the former editor, Beth Bogie, from MIT.

Intended for interviewers

During its existence, the Observer served as a source of non-

technical information about MIT to those likely to want such information, namely parents (Tech students aren't noted for a proficiency in letter-writing), the many alumni who serve as off-campus interviewers, and various people within the Institute.

Eager to regain a source of information to these interviewers, Bill McTigue, Executive Secretary of the Educational Council and Associate Director of Admissions, pushed for the resumption of publication of the Observer.

Professor Chalmers' present (Please turn to Page 3)

## Johnson discusses city problems

By John Corwin

"There is little question, it seems to me, that the most perplexing and urgent issue facing Cambridge is the city's need to increase and improve the inventory of housing for families of low and moderate income."

Thus spoke President Howard W. Johnson in his presentation before the annual meeting of the Cambridge Chamber of Commerce, held at the Hotel Continental Thursday evening.

President Johnson sketched the history and growth of the Institute and discussed how it has grown

to be an integral part of the city of Cambridge, and has thereby acquired a "responsibility of citizenship in this community."

Four-point proposal

The President outlined a four-point plan by which Cambridge can meet the challenge. He first called upon the city to "draw upon the resources of the Federal assistance programs that have given us the tools to shape for the seventies an industrial and urban America in which our citizens — all our citizens — may live richly and fully, as they may choose."

Mr. Johnson proposed secondly that the city of Cambridge take the lead in advancing its civic and social structure while at the same time it is working towards physical improvements in housing, industry commerce and transportation.

He further called upon citizens, businesses, industries, churches, universities, and other leading institutions to "join in a great effort to mobilize the ample resources and the superb technical skills of this community to accomplish this purpose. . . MIT stands ready to play its full part in such a venture." Finally, the President cited a need for a pride in the city and a genuine concern for its future.

Outlines MIT's Contributions

Mr. Johnson outlined in some detail the many ways in which

MIT has an increasing effect upon its surrounding community. In discussing MIT's ties with business and industry, he gave notice to the Industrial Liaison Program, which keeps American industry in direct touch with the areas of fundamental research being explored in our laboratories. Over 100 major corporations participate in the program, nearly 50 of which are located in Massachusetts.

"The greatest contributions of the universities," said Mr. Johnson, "come, quite naturally, through the men and women who live and work and study here. They come, for example, from the students of the Phillips Brooks House and the MIT Social Service Committee who devote long hours to tutoring in the community" and to other service projects.

MIT also helps maintain a sound municipal economy, being the second largest source of tax revenue for the City of Cambridge. In 1965 MIT-related properties yielded \$922,000 to the city. "This total," the President noted, "included ordinary taxes on MIT-owned income property, taxes paid by tenants of income property, and taxes on MIT's Technology Square development. And it included also \$223,000 that MIT paid voluntarily in lieu of taxes in tax-exempt properties used for educational purposes."

## Student Center Committee gains site for conference

Representatives of the Student Center Committee attended a conference on student government at the University of Rhode Island this weekend and secured permission for next year's conference to be held at MIT.

180 attend conference

About 180 students and faculty members from most of the Northeast attended the conference entitled 'Passport to Improvement: Union and Changing Times.' The general topics of the conference centered on the role of the student union—which at most schools means student government, as well as a meeting place—in the life of the student.

Role of student union

Specific subjects of discussion included the role of the student union in academic and campus life, student morality around the

campus, and the extent of interaction of the student union with other groups of student government.

A large portion of the conference was devoted to seeking ideas to increase student involvement with the union, especially how the union can act as a stimulant. Although one of the major problems of the Student Center Committee at MIT has been finding ways to stimulate use of Student Center activities, it was felt that MIT's representatives received some good ideas, but contributed more than was received.

Next year's conference

While plans for next year's student union conference here are far from complete, changes in the setup as well as introduction of new topics are hoped for in order to improve the conference.

## New 53-foot light towers erected; spotlights illumine Student Center

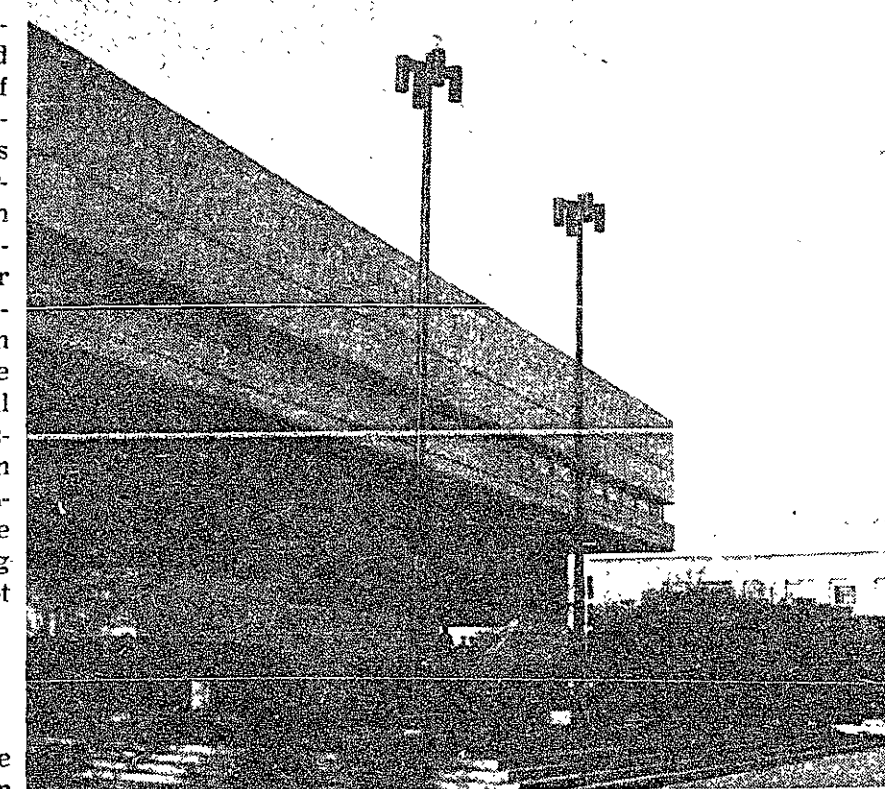


Photo by Bill Ingram

Four 750 watt spotlights, atop each of two aluminum towers in front of the MIT student center, were turned on for the first time last night. The towers, both 53 feet high from the base, were erected last week. The lights themselves are controlled by a piloted clock.

Vol. 86, No. 42 Cambridge, Massachusetts, Tuesday, November 1, 1966 Five Cents

## Killian speaks to alumni

By Paul Johnston

Dr. James R. Killian, Jr. and Dr. John E. Burchard delivered speeches at the MIT Northwest Regional Alumni Conference, held Saturday in the Opera House at the Seattle Center, Seattle, Washington.

Dr. Killian, Chairman of the MIT Corporation, and Chairman of the Board of Educational Services Incorporated, spoke on 'The Role of Technology in Education.' His talk concerned itself primarily with "intellectual content, with the art of teaching, and with the practical problems of teaching," and with ways in which industry might alleviate those problems. He spoke also of "teaching aids and devices," and various programs that are working to develop new and better methods to further "the imaginative transfer of knowledge" between teacher and student.

Speaking of his disappointment about some of the "startling inadequacies in existing technology," Dr. Killian pointed out that many teaching aids, requested by educators, have never been developed. On the other hand he observed that there has been "inadequately studied use by educators of important technological resources" which are now available.

Killian cited educational television as an educational device of immense potential. But he pointed out that its use has not been fully realized, and continued to suggest "an inexpensive method of recording and play-back for television programs." Such a method would enable teachers to select video recording from a library as if they were records or books.

Commends PSSC

Dr. Killian then commended the PSSC for its contributions to teaching, and for the organization that

resulted out of its work. This organization is called Educational Services Incorporated, and has been instrumental in introducing much educational material and many educational movies to the nation's classrooms. ESI needs, Dr. Killian feels, support from industry in the investigation of the relation of technology to the schoolroom, and its activities have been, he said, ahead of technology.

Dr. Burchard, who is Dean Emeritus of the MIT School of Humanities and Social Science and acting Dean of the College of Environmental Design at the University of California at Berkeley, spoke about the problems involved in urban planning.

Urban planning

Contrasting the American attitude toward space exploration and city planning. He said "cities of the future are certain to be uncivil if planning lacks the boldness and imagination that have characterized American adventure in space." He stated that large amounts of money and manpower would have to be spent in experiments in city planning, as is in space research, and that as in the latter field, occasional failure will have to be tolerated. "An occasional ten million dollar failure on the launching pad is taken as inevitable," he observed, "but we feel something sinful in tearing down a building when it does not work."

## JP tickets on sale

Tickets for the Junior Prom, the 'Complete Weekend,' are now on sale in the lobby of Building 10.

Entertainment includes James Brown, the Wild Ones, the Ted Herbert Orchestra, and the popular off-Broadway musical 'The Fantasticks.'

## Inspected by ExecCom

## Rings available to juniors Friday

Distribution of the 1968 class rings will be carried out Friday and the following Monday and Tuesday from 10 am to 5 pm in Building 10.

This year several changes have been made, with an emphasis being placed on creating clearer details. The first step was to install new dies. The beaver has been given a deeper face and greater detail overall.

Also the engraving of Building 10 has been made deeper. The appearance of the ring also differs in that the twigs have greater detail, the dome design has been refined, and the ridge on the palm side has been eliminated. Finally the finish has been smoothed and evened by hand.

All 600 rings have been inspect-

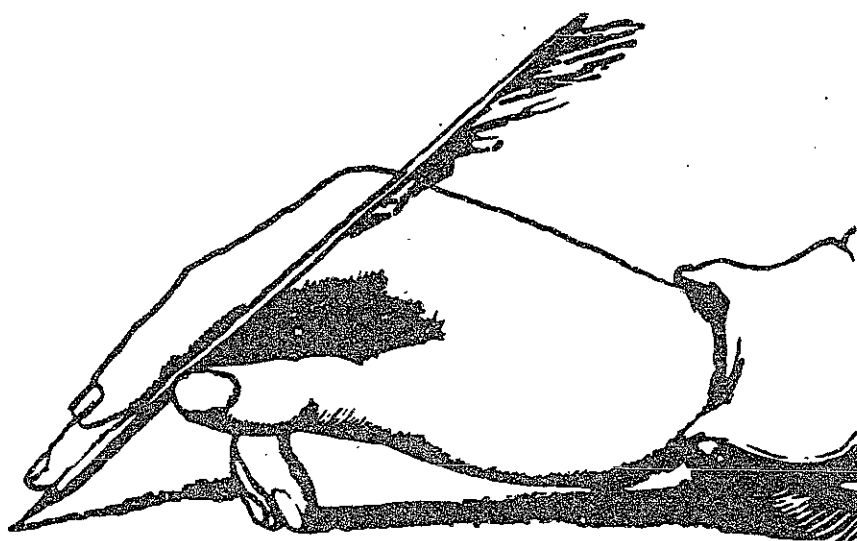
ed by the Class of '68 Executive Committee and 290 had minor but noticeable defects. Of these 290, 140 have been completely remade by Dieges and Clust Co. even in cases where minor repairs would have been adequate. At the second inspection 42 more rings were slightly defective.

These rings will not be delivered in time for reinspection, so all are advised to check their rings carefully for defects and report them to the Dieges and Clust Co. representative.

Those Juniors who wish to order rings may do so at this time. Any questions should be referred to Scott Davis, junior class President, or Roy Folk, member of the Executive Committee.

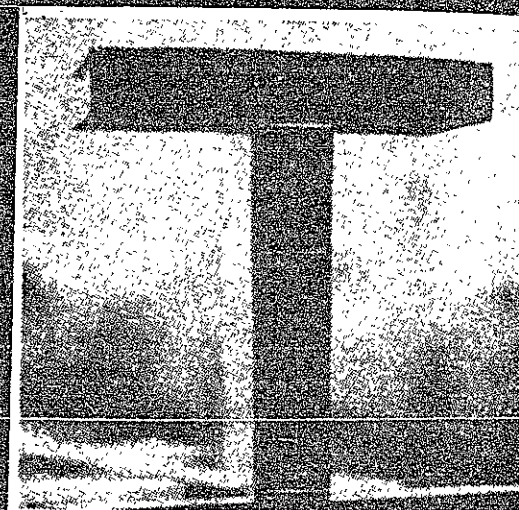


# NOV. 3rd



# AUTHORS' DAY

3rd in a Continuing Series



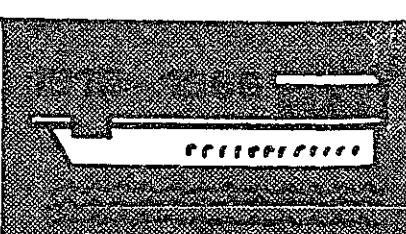
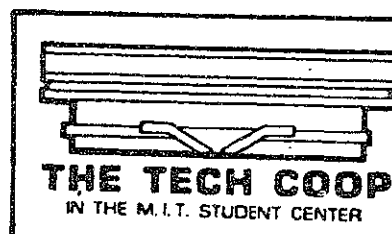
## McGraw-Hill salutes its M.I.T. authors. At the Tech Coop.

McGraw-Hill invites you to an exciting display of books featuring M.I.T. authors.

Thursday, November 3 at The Tech Coop Book Department. Meet McGraw-Hill Officers, Editors, Authors, 2 to 4 p.m.  
McGraw-Hill Books (Bold Face authors are associated with M.I.T.)

William P. Allis and Melvin A. Herlin: THERMODYNAMICS AND STATISTICAL MECHANICS. \$3.50  
Isadore Amdur and Gordon G. Hammes: CHEMICAL KINETICS. \$9.95  
Michael Athans and Peter L. Falb: OPTIMAL CONTROL. \$19.95  
Leonid V. Azaroff and Martin J. Buerger: THE POWDER METHOD IN X-RAY CRYSTALLOGRAPHY. \$11.00  
Richard H. Battin: ASTRONAUTICAL GUIDANCE \$17.50  
Manson Benedict and Thomas Pigford: NUCLEAR CHEMICAL ENGINEERING. \$12.50  
Warren G. Bennis: CHANGING ORGANIZATIONS. \$6.95  
Klaus Blummann: MASS SPECTROMETRY. \$14.50  
Robert Bierstedt-Eugene Meehan-Paul A. Samuelson: MODERN SOCIAL SCIENCES \$8.95  
John M. Biggs: INTRODUCTION TO STRUCTURAL DYNAMICS \$11.50  
Charles Broxmeyer: INERTIAL NAVIGATION SYSTEMS. \$15.00  
Britton Chance-Robert I. Hulsizer-E. F. MacNichol- F. C. Williams: ELECTRONIC TIME MEASUREMENTS, MIT Rad Lab Series, Vol. 20. \$11.00  
Stephen H. Crandall: ENGINEERING ANALYSIS \$11.00  
Stephen H. Crandall-Norman C. Dahl-Robert R. Archer-Nathan H. Cook-Frank A. McClintock-Ernest Rabinowicz-George S. Reichenbach: AN INTRODUCTION TO THE MECHANICS OF SOLIDS. \$9.95  
Wilbur R. Davenport, Jr. and William L. Reet: INTRODUCTION TO RANDOM SIGNALS & NOISE. \$12.75  
J. P. Den Hartog: MECHANICAL VIBRATIONS 4/e. \$11.00  
J. P. Den Hartog: ADVANCED STRENGTH OF MATERIALS. \$10.75  
Robert Dorfman-Paul A. Samuelson-Robert M. Solow: LINEAR PROGRAMMING AND ECONOMIC ANALYSIS. \$11.00  
Raymond D. Douglass-Douglas P. Adams: ELEMENTS OF NOMOGRAPHY. \$7.50  
Robley D. Evans: THE ATOMIC NUCLEUS. \$16.00  
W. Maurice Ewing-Wenceslas S. Jardetzky-Frank Press: ELASTIC WAVES IN LAYERED MEDIA. \$14.00  
Franklin M. Fisher: THE IDENTIFICATION PROBLEM IN ECONOMETRICS. \$8.95  
A. E. Fitzgerald and Charles Kingsley, Jr.: ELECTRIC MACHINERY 2/e. \$12.75  
Nathaniel H. Frank: INTRODUCTION TO ELECTRICITY AND OPTICS 2/e. \$7.95  
Nathaniel H. Frank: INTRODUCTION TO MECHANICS AND HEAT 2/e. \$8.50  
Philip Franklin: COMPACT CALCULUS. \$7.50  
Philip Franklin: DIFFERENTIAL AND INTEGRAL CALCULUS. \$8.95  
Philip Franklin: METHODS OF ADVANCED CALCULUS. \$10.00  
A. M. Gaudin: FLOTATION 2/e. \$14.50  
A. M. Gaudin: PRINCIPLES OF MINERAL DRESSING. \$14.00  
Billy E. Goetz: QUANTITATIVE METHODS. \$9.95  
Cecil E. Hall: INTRODUCTION TO ELECTRON MICROSCOPY 2/e. \$17.50  
Leicester F. Hamilton and Stephen G. Simpson: CALCULATIONS OF ANALYTICAL CHEMISTRY 6/e. \$6.95  
Louis Harris and Arthur L. Loeb: INTRODUCTION TO WAVE MECHANICS. \$9.95  
Norman N. Holland: PSYCHOANALYSIS AND SHAKESPEARE. \$9.95  
Jerome C. Hunsaker and B. G. Righini: ENGINEERING APPLICATIONS OF FLUID MECHANICS \$9.95  
Arthur T. Ippen, Editor: ESTUARY AND COASTLINE HYDRODYNAMICS. \$28.50  
P. L. Kelley-Benjamin Lax-P. E. Tannenwald: PHYSICS OF QUANTUM ELECTRONICS, Conference Proceedings. \$24.00

Charles P. Kindleberger: ECONOMIC DEVELOPMENT 2/e. \$8.95  
J. G. Kirkwood and Irwin Oppenheim: CHEMICAL THERMODYNAMICS. \$9.50  
J. Malcolm Laning, Jr. and Richard H. Battin: RANDOM PROCESSES IN AUTOMATIC CONTROL. \$13.50  
Benjamin Lax and Kenneth J. Button: MICROWAVE FERRITES AND FERRIMAGNETICS. \$18.50  
Warren K. Lewis-Arthur H. Radasch-H. Clay Lewis: INDUSTRIAL STOICHIOMETRY 2/e. \$10.50  
Kurt S. Lion: INSTRUMENTATION IN SCIENTIFIC RESEARCH. \$11.50  
William H. McAdams: HEAT TRANSMISSION 3/e. \$13.50  
Douglas McGregor: THE HUMAN SIDE OF ENTERPRISE. \$6.95  
Harold S. Mickley-Thomas K. Sherwood-Charles E. Reed: APPLIED MATHEMATICS IN CHEMICAL ENGINEERING 2/e. \$10.75  
Philip M. Morse and Herman Feshbach: METHODS OF THEORETICAL PHYSICS, Parts I & II. \$17.50 each, \$35.00 Set  
Philip M. Morse: VIBRATION AND SOUND 2/e. \$10.50  
Charles H. Norris-Robert J. Hansen-Myle J. Holley, Jr.-John M. Biggs-Saul Namyet-John K. Minami: STRUCTURAL DESIGN FOR DYNAMIC LOADS. \$14.50  
Otto Oldenberg and Norman C. Rasmussen: MODERN PHYSICS FOR ENGINEERS. \$9.95  
Carl F. J. Overhage: THE AGE OF ELECTRONICS. \$7.95  
Paul Pigors and Charles A. Myers: PERSONNEL ADMINISTRATION 5/e. \$8.95  
Paul Pigors-Charles A. Myers-F. T. Malm: MANAGEMENT OF HUMAN RESOURCES. Hard \$7.50, Soft \$4.95  
Paul Pigors and Faith Pigors: CASE METHOD IN HUMAN RELATIONS. \$8.95  
John B. Rae and Thomas H. D. Mahoney: THE UNITED STATES IN WORLD HISTORY 3/e. \$8.95  
A. R. Rogowski: ELEMENTS OF INTERNAL COMBUSTION ENGINES. \$8.50  
Bruno Rossi: COSMIC RAYS. Hard \$7.00, Soft \$2.95  
John T. Rule and Steven A. Coons: GRAPHICS. \$9.50  
William W. Seifert and Carl W. Steeg: CONTROL SYSTEMS ENGINEERING. \$18.50  
Robert C. Reid and Thomas K. Sherwood: THE PROPERTIES OF GASES AND LIQUIDS 2/e. \$13.50  
Paul A. Samuelson: ECONOMICS 6/e. \$8.50  
Paul A. Samuelson-John R. Coleman-Robert L. Bishop-Philip R. Saunders: READING IN ECONOMICS 4/e. Hard \$5.95, Soft \$3.95  
Thomas K. Sherwood and R. L. Pigford: ABSORPTION AND EXTRACTION 2/e. \$12.75  
Robert E. Shrock: SEQUENCE IN LAYERED ROCKS. \$12.50  
Robert R. Shrock and William H. Twenhofel: PRINCIPLES OF INVERTEBRATE PALEONTOLOGY. \$14.00  
John C. Slater: INTRODUCTION TO CHEMICAL PHYSICS. \$10.50, \$3.95  
John C. Slater: MODERN PHYSICS. \$8.95  
John C. Slater: QUANTUM THEORY OF ATOMIC STRUCTURE, Volumes I & II. \$13.00 each, \$26.00 Set  
John C. Slater: QUANTUM THEORY OF MATTER. \$9.50  
John C. Slater: QUANTUM THEORY OF MOLECULES AND SOLIDS, Volumes I & II. \$13.00 I, \$15.50 II  
John C. Slater: INSULATORS, SEMICONDUCTORS, & METALS, Volume III of QUANTUM THEORY OF MOLECULES AND SOLIDS. \$15.50



OUR 50th ANNIVERSARY YEAR

84 Massachusetts Avenue  
M.I.T. Student Center

Store Hours: Monday thru Saturday, 8:30 a.m. to 5:30 p.m.



## First issue of revived Observer expected to appear in November

(Continued from Page 1) plans for the Observer call for it to be primarily student-oriented in information, so that the interviewers can supplement whatever information they receive about MIT from technical reviews to aid high school seniors interested in MIT.

The first four page issue should be out in mid-November. Bob

Horvitz '68, managing editor of The Tech, is acting as student liaison to the Observer.

Professor Chalmers came to MIT in 1939 when he was appointed Associate Professor of English. In 1942 he joined the Admissions Office as Associate Director of Admissions. Two years later he became MIT's first Adviser to Foreign Students, which post he held until his retirement in June. This retirement lasted just a few months, before Professor Chalmers accepted the part-time position of editor of The MIT Observer.

## ACTIVITIES '66

SPOTLIGHTS

Hillel

By George Katsiaticas

One of the most active organizations on campus is the Hillel Society, whose purpose is to present all aspects of Judaism to the general public as well as to serve a Jewish community for students away from home.

According to president Gene Fox ('67), Hillel is more than just a club: it is a way of life

for approximately one fourth of the Jewish members of the MIT student body. The society itself is rather young—its cheaper here at MIT was founded fifteen years ago, for the last fourteen of which Rabbi Herman Pollack has been director of activities. The local chapter is associated with the B'nai Brith national organization through an arrangement by which the chapter remains independent although taking advantage of national affiliations.

The MIT chapter has a wide variety of regular activities which are benefits to all students. Most important, the society sponsors Friday night worship services which are open to members of any religious faith. Second, Hillel sponsors Sunday brunches at 10:30 in the Student Center where such Jewish snacks as bagels are available.

Study groups, whose purpose is to discuss any question of relig-

ious significance, are also organized by Hillel. Another important function of the Hillel Society is the weekly publication of Shavuton, a private newspaper containing pertinent announcements as well as articles and other information.

Berg lectures

Finally, the society sponsors the Berg lecture series, which is noted for the quality of its speakers, as well as the speeches. Last week, Yigal Yadin, former commander of the Israeli Army and a noted archeologist, spoke on the excavations at Masada. B. Z. Goldberg, a famous Yiddish columnist, will speak Sunday at 8 pm on the works of Shalom Aleichem, his father-in-law and author of the story on which the musical 'Fiddler on the Roof' is based.

Compton award

Hillel is a scholarly community, having the respect of the entire Institute for its standards and quality of activities. This respect is exemplified by Hillel's recent receipt of the Compton Award, awarded annually by MIT as the highest honor that can be bestowed upon any organization for service to the MIT community. Within this community of Hillel, there is an idealism and an attempt to confront all problems, thus creating opportunities for all members of the student body, regardless of religious affiliation, to gain by service in this community.

### Social Beaver to hold organizational meeting

There will be a meeting tonight for all people interested in writing copy or working on the staff of the 1967 MIT Social Beaver in the TCA office fourth floor, Student Center). Anyone interested who cannot attend should call Greg Fox, 247-8602 or 3207.

\*\*\*\*\*  
**Christmas in California**  
 \*\*\*\*\*  
 ★★ Spend your vacation in California this year.  
 ★★ Board a Non-Stop Jet.  
 ★★ 2 bags free plus carry on.  
 ★★ Return any time\*.  
 ★★ Save \$89.00 over regular airfare (\$228.40+ tax)  
 Call  
**Parker Travel Bureau**  
 (opp. B.U.) 566-4087  
 \*NOW—Reservations are limited so reserve your seat now.  
 \*Min. stay 10 days.  
 \*\*\*\*\*

## EVANGELICAL CHAPEL SERIES M.I.T. CHAPEL

WEDNESDAYS, 7:00 P.M.

A weekly series of services arranged to present basic aspects of the Christian faith.

WEDNESDAY, NOVEMBER 2

SPEAKER: Dr. Charles Hummel, M.I.T. '49  
 President, Barrington College

TOPIC: "Faith and Doubt"

Evangelical Chapel Series Committee — For further information and a schedule of services call Ext. 2327

## UNIVERSAL OIL PRODUCTS COMPANY

Will Be Interviewing B.S. & M.S. Chemical Engineers

on

NOVEMBER 1

For work in: Process and Product Research and Development, Engineering Research and Development, Engineering, Technical Service, Chemical Manufacturing, Construction, Process Control, Computer Activities, Process & Product Marketing, and Market Research and Economics.

Sign Up for Interviews at the PLACEMENT OFFICE

# BOSS.

The big guys are here. Take one of 'em (or both) and you're a cinch to be boss. Twist the swivel buckle on the 1 1/4" saddle-stitched reversible belt and you'll see brushed denim on one side, oiled leather on the other. \$4.00. Or pick the 1 1/4" sueded saddle-stitched job at \$3.50. Be on the lookout for another big deal—a 26" x 39" poster for Bogey! Just send in the Fife & Drum Paris tag to Paris Belts; P.O. Box 5269; Chicago, Illinois 60680 with half a buck.

## Fife & Drum Belts by Paris®

P.O. Box 5269, Chicago, Illinois 60680



### '67 Charities Drive going well

The 1967 Charities Drive is now underway, and TCA Vice President Jay Nichols '68, Chairman of the drive, reports that all phases of the drive are running smoothly. TCA living group chairmen

will continue to solicit donations within the living groups throughout the week. The money collected will be distributed to the United Fund, the Cancer Society, and the World University Service.

The initial response has led Nichols to believe that the goal of \$2,000 may be exceeded.

### Scuba Diving Classes

Seven Days a Week.  
 All Equipment Supplied.  
**AVenue 2-5818**

### CHARLIE The Tech Tailor

- CLEANING
- PRESSING
- REPAIRING
- LAUNDRY

Always At Your Service In The  
**MIT STUDENT CENTER**  
 84 MASS. AVENUE  
 EL 4-2088 Dorm Line 9-360

### VooDoo Editor to discuss humor

Keith Patterson '67, editor of VooDoo, will participate in a panel discussion on American humor on WBUR's 'Conference Call.'

Also in the program will be William Donnell of The Harvard Lampoon, Joe Pilati, in The Boston University News, and host Bob Cudmore. The program will be aired tomorrow at 7 pm over WBUR, 90.0 mc, FM, Boston University radio station.

## BE HEARD!

- OVER YOUR INSTRUMENTS
- OVER AUDIENCE NOISE

Your microphone is your link with your audience. Choose it with care. Shure Unidyne microphones project your voice over your instruments, and over audience noise... YOU WILL BE HEARD. They are used by many of the world's most famous Rock 'n Roll and Country 'n Western groups. Shure Unidyne microphones help put your act across. Write: Shure Brothers, Inc., 222 Hartrey Ave., Evanston, Ill. 60204.

**SHURE**  
**UNIDYNE®**  
 PROFESSIONAL ENTERTAINER MICROPHONES



# Fall and football

Fall is in the air, so as inevitably as the leaves turn colors, there has been some talk recently about MIT's football team.

It gets talked about every few years, the questionnaires circulate and an ad hoc student committee pores over them, tabulates them, and presents somewhat persuasive evidence that "there exists a need..." Then, as last year, the Athletic Board votes the Football proposal down and temporarily kills the idea.

From whence this enthusiasm? Look back to your high school days, when fall was built around football and you played halfback, led cheers, marched in the band, or roared from the stands. Chances are you also went to games at nearby colleges, some of them even big-time. Perhaps there does exist a sentimental need for football at MIT: but let's look at the practical side of this issue.

We don't mean to deride the game or discourage its supporters; football and everything that goes with it is one of the finest recreations America has. What we do want to point out, however, is that a lot must happen before varsity football could become anything at MIT. Many years would go into building a team, especially since there are no special scholarships here to attract high school stars; and once we organized a team, we'd have to find spectators. Chances are we'd make our debut into some pee-wee league among football schools, and find ourselves losing yardage even against the nobodies—unless we would be willing to drag the top athletes out of crew, hockey, lacrosse, and soccer. And if we did start with a losing streak, who would come to watch us?

The fact is that the MIT 'Beavers' would plod along miserably in their self-made rut, unless we were willing to go all out to support them. That means plunking a great big beautiful stadium right down in the middle of Briggs Field. Of course we could, like many successful football colleges, build it so enormous that it will pay for itself and the football team and the athletic scholarships and all the rest; that would turn the whole thing into a business, which is fine, but even business requires investment, lots of it, and in these tight times the entrepreneur thinks twice before borrowing.

If we made up our minds to become another Georgia Tech with regard to the all-American game, we would nevertheless borrow the money. But a look around MIT, whose campus is mostly athletic fields, will reveal that there is some truth to the old cliché about spreading oneself too thin. It turns out that we already have more intercollegiate varsity teams than many schools, twenty-one, to be exact. Are we better off investing in twenty-two teams and skimping on each one, or should we con-

centrate on boosting the achievement of what we have now?

Before we build a stadium, hockey needs a covered rink. Before we build a parking lot for that stadium, tennis needs many more clay courts, sheltered from the wind, and adequately staffed so they can open before noon Sundays. Before we divide Briggs Field among the Varsity, JV, and Freshmen football squads, we have to solve the space problems raised by the proposed Graduate Student Center and the need for student parking.

Remember that the crew team has rowed at the Henley, that the basketball team has toured Europe, and the sailing team has traditionally been tops in New England. So MIT isn't without sporting glory.

Remember also that we have an extensive intramural program, of which football is one of the most exciting phases.

We are not a university yet, in the fullest sense of the word. Just as the faculty and administration have proceeded slowly and deliberately along the path of making MIT a broader educational institution, so also must the Athletic Department grow with quality rather than quantity in mind.

## THE TECH

Vol. LXXXVI, No. 42 Nov. 1, 1966

BOARD OF DIRECTORS

Chairman	Dave Kress '67
Editor	Charles Kolb '67
Managing Editors	Robert Horvitz '68
	Mark McNamee '68
Business Manager	Guille Cox '68
News Editor	Gerry Banner '68
Features Editor	Mike Rodburg '68
Sports Editor	Tom Thomas '69
Photography Editor	Lew Golovin '67
Entertainment Editor	Andy Seidenfeld '68
Business Representative	Nick Covatta '68

Editorial Associate	Jeff Stokes '68
Associate News Editors	Mark Bolotin '68
	John Corwin '68
Associate Sports Editor	Larry White '69
Intramural Sports Editor	Tony Lima '69
Associate Photography Editor	Herb Finger '68
	Bill Ingram '68
	Jeff Reynolds '69
Copy Editor	Brian Harvey '69
Controller	Dave Dewitte '69
Treasurer	Mike Ginsberg '69
Accts Receivable	Dan Green '68
Nat'l Adv. Mgr.	Jack Swaim '68
Bookkeeper	Ed Walbel '69

Managing Staff	Jerrold Grochow '68
	Paul Richter '68
	Steve Swibel '68
	John Havelkotte '68
News Staff	Susan Downs '68
	Dave Kaye '68
	Roy Benveniste '68
	Geoff Russell '69
	Mike McNutt '69
Features Staff	Stew Blickman '69
	Jim Smith '69
	Jeff Weissman '69
Sports Staff	Mickey Warren '69
	Russell Mosteller '68
	Arman Vateressian '68
	Steve Wiener '68
	Tom James '68
	John Kopelow '68
	Yankas '67
	Bob Sultan '67
	Chuck Hottinger '67
	Jim Yankas '68
	Scudder Smith '69
Entertainment Staff	Don Davis '67
	Sherry Gulmon '68
	Jeff Stokes '68
	Eric Goldner '68
	Sam Cohen '68
	Ric Klass '68
	Dan Asimov '68
	Dave Cook '68
	Jack Donahue '69
	Allen Wiegner '69
	Tom Marks '69
	Jerrold Levinson '69
	Thomas Nesbitt '69
	Davis Grosz '69

Second-class postage paid at Boston, Massachusetts. The Tech is published every Tuesday and Friday during the college year, except during college vacations, by The Tech, Room W20-483, MIT Student Center, 84 Massachusetts Ave., Cambridge, Massachusetts 02139. Telephones: Area Code 617, 876-5855, and 864-6900 extension 2731. United States Mail subscription rates: \$4.25 for one year, \$8.00 for two years.

## F o t n o t e s

by Mike Rodburg

108. Look in this week's issue of Time magazine (on the stands today) for a story on MIT and Caltech. In conjunction with Caltech's 75th anniversary and MIT's new president, Time was here last week interviewing and gathering material. The nature of the article was not made clear at the time, but it will probably compare the two venerable institutions of scientific and technical knowledge which reside on opposite coasts. While we're on the subject: "Happy Birthday, Caltech."

109. Well, they're up. Now the only question concerning the new Student Center lights is who will be the first light pole sitter? Of course, that's only

one of many possibilities, which include climbing contests (either with students or monkeys, field goal attempts, maypole dances, or perhaps an attempt to launch one into the outer reaches of space.

110. A minor furor has developed between the physical plant people and the upper-classmen in Architecture. It seems third and fourth year architecture students, in need of more working space, constructed (with their own materials) two platforms. The project did not receive building and grounds approval; in fact, the students never requested approval before going ahead. Now, however, they want to save their work.

## Kibitzer

By Mark Bolotin

By Mark Bolotin

North	East
♠ A	♠ K 5
♥ A 5 2	♥ K Q 9 7 6 3
♦ K Q 4 3	♦ 6 5
♣ A K 7 6 2	♣ Q 10 9

West	East
♠ Q 9 8 3	♠ K 5
♥ J 8 4	♥ K Q 9 7 6 3
♦ J 10 9 8	♦ 6 5
♣ J 4	♣ Q 10 9

South

♠ J 10 7 6 4 2
♥ 10
♦ A 7 2
♣ 8 5 3

East-West vulnerable

Bidding	East	South	West
1 ♠	1 ♥	1 ♠	Pass
2 ♦	Pass	2 ♠	Pass
3 ♥	Pass	4 ♠	Pass
4 ♠	Pass	Pass	Pass

Opening lead: ♥J

Although much bridge literature is concerned with the more exotic bridge plays—trump coups, compound squeezes, or an occasional winkle—opportunities for such plays are quite rare. If the average bridge player wants to improve his game, he would be far better to get a solid grasp on the fundamentals of bridge and not to worry when he fails to get an overtrick because he missed a guard squeeze. Today's hand is centered around the errors of two players who failed to make rather basic plays. The bidding was rather straightforward; North's bid of three hearts was looking for three no trump. After partner had delayed showing spade support for so long and with such a poor spade suit himself, South might have chosen five clubs rather than four spades, but he wanted to stop at as low a level as possible.

The opening heart lead was won on the board. South cashed dummy's Ace of trump and returned to his hand with a diamond to lead the spade Jack. East won with the King and led a heart which declarer ruffed. South continued with the ten of trump.

West was in with the Queen and could have insured that the contract would be set by cashing the trump nine and exiting with a heart. As long as diamonds failed to break, declarer would still have had to concede a trick in one of the minors.

However, West let declarer off the hook by attempting to force him with another heart. South took advantage of the error. He cashed dummy's diamonds, ruffed a diamond, cashed dummy's clubs, and conceded a trick to the outstanding trump. If diamonds had split 3-3, declarer could have thrown a club on the last diamond and would still have made his contract.

In spite of the fact that declarer made his contract, he could have played the hand better, so that he wouldn't have had to rely on a defensive error.

If diamonds don't split 3-3, declarer must hold himself to two trump losers. As long as trumps split 3-3, he will not lose more than two trumps, but if the suit splits 4-2, he can still hold his trump losers to two by leading a low trump and trick four in case the person with the doubleton has either of the missing honors. West could have put declarer to more of a guess by dropping the spade nine under dummy's Ace to encourage declarer to play for a nine-eight doubleton by leading an honor at trick four.

# Letters to The Tech

To the Editor:

Our previous letter concerning unsanitary conditions in Lobdell Dining Room seems to have had little effect except to act as an aphrodisiac for the flies. Lest Mr. Grothier and a chorus of Deans, Dietiticians and Dowagers tell us to eat elsewhere if we don't like their flies, we submit the following evidence that we are not just buzzing off at the mouth:

Encyclopedia Britannica (1966 Edition), excerpts from Bacterial and Infectious Diseases, pages 1006-7:

... infection via the mouth occurs directly or indirectly from the feces by ways that may be summarized in three words: fingers, food and flies.

... Much greater care, however, is still needed in the hygienic handling of food. ... a revision of the system of communal feeding, improved methods of storage and handling of food, destruction of rats and mice and the control of flies and other insects are some of the measures required if food-borne diseases are to be avoided.

(This from the Stud Center Library's copy of EB, in case you like your wry with a twist of irony.)

As of this writing there are, on average, about four flies on each light fixture over the hot food serving line, occasionally swooping down toward the steam trays. Every few minutes one can be

expected to investigate your table, touching down on the napkins, glasses, sugar or salt dispensers. Last week we observed a dead fly floating in the salad dressing dispenser on the serving line.

We would like Mr. Grothier and the Dean's Office to say when conditions will be improved. If no answer or results appear soon, we shall take our complaint to the Cambridge Health Department.

Cynthia and Daniel Whitney 'G  
(Ed. note: We suppose that dead flies in Stauffer's food might be considered as a protein supplement to what some people consider a rather protein deficient typical serving.)

THAT LITTLE RED-HAired GIRL IS SURE CUTE..

I'D GIVE ANYTHING IN THE WORLD TO BE SITTING THERE NEXT TO HER EATING LUNCH..

BLEAH!

NOTHING TAKES THE TASTE OUT OF PEANUT BUTTER LIKE UNREQUITED LOVE!

**LEARN**  
**"TO PLAY"**  
**GUITAR**  
 Experienced Instructor  
 (M.I.T. Student)  
 OF ALL STYLES  
 Call: 262-4375, 247-9528  
 Mickey Freeman

## Q-Club chooses new members; Kivisild first coed ever selected

Six new members were elected (Bur) Mark Swift (PDT), Bill to Quadrangle Club, the Sophomore honorary, Sunday night. Included among the new members was Marie Kivisild (McC), the first girl ever chosen for Q-Club. Other new members are Bill Stage (Bur), Jack Anderson (Bur), Rich Wolfson (Bex). The new members bring the total up to the quota of thirty. Also discussed at the meeting in the Student Center were the activities of Field Day and minor constitutional changes.

## 'Encounter' attracts 70

### Teuber featured Thursday

Professor Hans-Lukas Teuber, Head of the Psychology Department, was the featured faculty member at Thursday's noon 'Encounter.' About 70 people jammed the East Lounge of the Student Center to join Professor Teuber in an informal question and answer hour. Topics brought up during the discussion included the relationship between psychology and physiology, LSD and other hallucinogens, and the future of the Psychology Department at MIT. Professor Teuber explained that he felt drugs such as LSD were extremely dangerous and should be kept out of lay hands. He was rather bright about the future of the Psychology Department, for he was looking ahead to the possibility of an undergraduate degree being offered in Course IX. Also, he viewed as a possibility cooperation with a medical school in the Boston area in order that MIT might be able to award a degree whose requirements were more suitable for medical school preparation. The Student Center Committee will present Roland Greeley, Director of Admissions, at Thursday's 'Encounter.' It will begin at noon in the East Lounge of the Student Center.



## When it comes to politics, is big business a Mugwump?

Some sharp tongues define "mugwump" as a political animal with his "mug" on one side of the fence, his "wump" on the other. Clearer heads claim it a stamp of independence. The definition and corporate stance Western Electric takes is strictly nonpartisan. But nonpartisan as WE must be, we recognize that, to be an effective citizen, the individual must become a political partisan. And it means being more active than just showing up at the polls. So we do our best to encourage our 170,000 people to express their political leanings — in whatever direction. We do it by sponsoring a "Democracy in Action" program that takes no sides, but explores all angles. WE people — white collar, blue collar — lead it. Long before elections, courses are given at WE locations. Background subjects include such Soc. and Eco. considerations as — The Persistent Problem of

Unemployment... The Negro's Long Struggle... America's Balance of Payments. Booklets are handed out that answer questions like: "How can I get started in politics? How can I use my talents to serve my party?" Before elections, *Back Your Party* rallies are held. Bunting and posters hung. Politicians from both national parties are invited to speak. A dialogue develops. Thousands of WE people participate. It stirs up their political juices. Helps make them better informed, ergo: better citizens. As a national company, in the Bell System to make ever-better communications equipment, we believe such basic communications are vital. It's also fun!



**DR. LOUIS Y. BARDFIELD**  
**OPTOMETRIST**  
 ANNOUNCES THE OPENING OF HIS NEW OFFICE  
**879 BEACON STREET**  
 AT PARK DRIVE — BOSTON  
 Specializing in the fitting of  
**CONTACT LENSES**  
 436-1222

1. What's eating you?  
Can't decide on dessert?  
Worse. Can't decide on a job.

2. How come? The recruiters are swarming the campus.  
The kind of job I want just doesn't exist.

3. Give me the picture.  
I'm searching for meaning. I want to be of service to mankind.

4. You can get a job like that with your eyes closed.  
The trouble is, I also want a slice of the pie.

5. Then why don't you get in touch with Equitable. Their whole business is based on social research. As a member of their management development program, you'll be able to make a significant contribution to humanity. And pie-wise, the pay is fine.  
Make mine blueberry.

For career opportunities at Equitable, see your Placement Officer, or write to Patrick Scollard, Manpower Development Division.  
**The EQUITABLE Life Assurance Society of the United States**  
 Home Office: 1285 Ave. of the Americas, New York, N.Y. 10019 © Equitable 1966  
 An Equal Opportunity Employer, M/F



# Psychedelic art

## Warhol creates optical rock

By Jack Bernstein

To borrow a phrase, "it's the shape of rock to come." Andy Warhol's Expanding Plastic Inevitable featuring The Velvet Underground with Nico performed their new 'psychedelic rock' at the Institute of Contemporary Art Saturday. The biggest difference between this music and the stuff you get on 'frantic forty' radio is that you have to see this to believe it.

### Simultaneous movies

The performance started with a couple of movies, projected on the same screen at the same time; somehow it was coherent. After what seemed a sensible amount of time which allowed people to adjust to this strange environment (in addition to the films, a multi-faceted mirrored globe spewed splashes of light about the hall in every direction), the Velvet Underground set up for their performance. It was immed-

ately apparent who Nico was: a striking, six-foot, blonde, amazon-like woman, whose presence pervaded the hall as the projectors switched from a movie of a "fag in drag" to color and black and white closeups of her. Their first number, 'All Tomorrows Parties,' which, incidentally, has been released by Verve records, featured Nico singing, and the Underground, electric bass, electric guitar, electric piano, and super-sonic drums, providing the most driving backing I've ever heard. In addition, the Underground features a super-sensual go-go troupe, who may, if they get exposure, do more for popular dancing than ten Chubby Checkers.

### Optical effects

In addition to the personnel, the technical armament of Velvet Underground is something fantastic to behold. Besides the movie projectors and musical instruments, the dancers used two huge electric flashlights as torches which, when waved about in the darkness, produced a hypnotic effect. Other effects were produced by slides projecting patterns of optical design (Op Art) which effected an interplay between the background movies, the dancers, and the music. The most startling of all was two huge gas-discharge lamps which would flash in synchopated time as the music reached its climax. The only aspect of the performance which could have been improved upon was the group's tendency to rely on the background material for too long between numbers, but once the music started, all was forgiven.

# music . . .

## Droic Quartet gives fiery performance

By John Montanus

The string quartet is at once the most restricted and the most challenging of musical forms. First established by Haydn, the quartet has remained to this day essentially the same. For a composer to inject originality and freshness into such a narrow form is not always easy.

### Quartet problem

The MIT Department of Humanities is again presenting a series of concerts demonstrating the solutions various composers have found to the problems of handling two violins, one viola, and one 'cello in artistic combination. The first concert in the series, performed by the Droic Quartet in Kresge Sunday, featured works by three modern composers.

Since the series is certainly not intended to be merely didactic, care has been taken to choose top-rate artists. The Droic Quartet—violinists Eduard Droic and Walter Peschke, violinist Stefano Passaggio, and 'cellist George Donderer—presented an accurate and often fiery interpretation of works by Bartok, Henze and Hindemith.

Bartok's Third Quartet (1927) is an example of atonal use of the string quartet. It employs the whole range of techniques used by modern string players—flute-like overtones, glissandi, different bowing methods. But while it exhibited the ultimate in technical diversity, it was not merely an academic exercise in string quartet writing. The Droic Quartet played the work with fire and

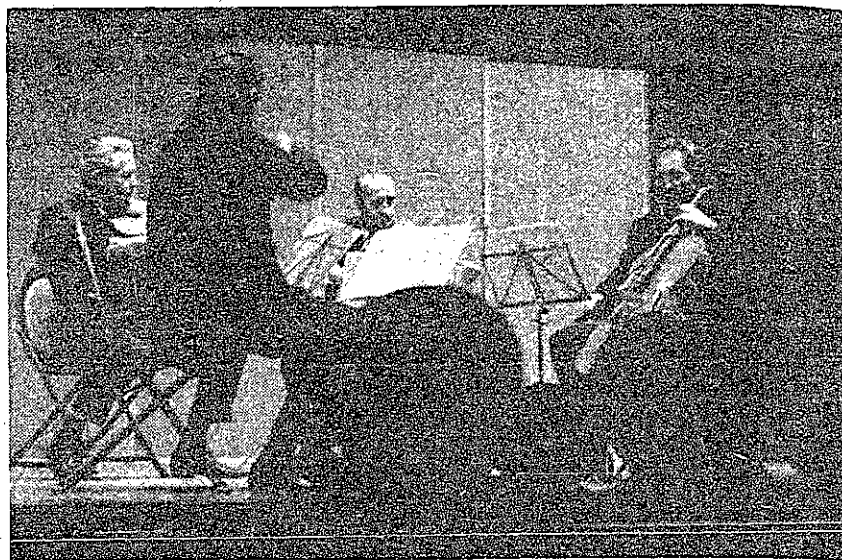


Photo by Bill Ingram

The Droic Quartet, a group from Hungary, performed a series of three selections from the works of Bartok, H. W. Henze, and Paul Hindemith. The concert was held Sunday in Kresge Auditorium, sponsored by the department of Humanities.

rhythm, accenting its Hungarian passion and melancholy.

### Henze work pedantic

The next Quartet (1952) by H. W. Henze failed where Bartok's succeeded. Perhaps it is a quartet-player's quartet, but to this reviewer it was purely pedantic. The 'con gratia' section wasn't. It offered too little contrast to have any emotional effect, except soporific.

The Quartet in C Major, Op. 16, by Paul Hindemith, was the most gratifying work of the performance. Hindemith is not afraid to use a diatonic scale every now and then, and the refreshing purity of a simple triad after a series of tense discords is both striking and effective.

At the same time, Hindemith offered ample opportunity for tonal display. The Adagio ("Lang-

sam") had a lovely passage for viola, accompanied by the 'cello pizzicato and the second violin holding a flute-like organ tone. This movement in particular demonstrated the fine tone quality of which the Droic Quartet is capable.

The next concert in the series, planned for November 13, will consist of three of Bartok's quartets, performed by the Hungarian Quartet. This should offer an instructive and interesting view of the range of the abilities of one of our century's outstanding composers.

IN PERSON  
**Peter, Paul and Mary**

EXCLUSIVELY ON Warner Brothers Records

**Back Bay Theatre**  
TWO Sat. Nov. 19—8:30 P.M.  
NITES Sun. Nov. 20—8:00 P.M.  
Tickets: \$5, \$4, \$3.50, \$2.50  
on sale now at BOX OFFICE  
Hub & Tyson Ticket Agencies—  
Boston, Out of Town News &  
Ticket—Harvard Sq.  
MAIL ORDERS: enclose stamped  
self addressed envelope with  
check or money order to  
**BACK BAY THEATRE**  
Mass. Avenue, Boston

You'll get  
more out of skiing  
with  
**SKIING**

The new season is just around the corner, and there's no better way to get set for it than with SKIING.

The new November issue gives you the low-down on what the experts really think about some of the leading brands of skis...provides invaluable technique tips on the proper use of poles...previews the latest skiwear styles...shows why our girl competitors are getting better and better...covers the skiing scene from Val d'Isere' France to Heavenly Valley, California in full color...and lots more.

All in the November issue of

## SKIING

JUST 60¢. ASK ABOUT THE SPECIAL  
HALF-PRICE STUDENT SUBSCRIPTION  
RATE—AVAILABLE THROUGH  
COLLEGE BOOKSTORES.

## SKIING

SKI TESTS: Hart • Kneissl • Rossignol  
Ski With Us: France • California • Vermont  
Stein Eriksen comes to Instruction Corner



**Tech Coop Optical**

**NEXT TO CUSTOMER SERVICE IN BOOK DEPARTMENT**  
Quality and Service is Our Byword — Patronage Refund  
Ophthalmologists prescriptions are filled promptly — accurately.  
Excellent selection of frames for Men-Women-Children.  
Office Hours: Monday-Saturday, 9:30-5:30 — Lunch 2-3 (Closed)  
Phone 491-4230, Ext. 50 or from MIT dial 8950

**THE TECH COOP**  
IN THE M.I.T. STUDENT CENTER  
84 Massachusetts Avenue, Cambridge, Mass. 02139

**ELSIE'S**  
Noted for the best Sandwiches  
to eat in or take out.  
FAMOUS ROAST BEEF SPECIAL  
SANDWICH—KNACKWURST—  
BRATWURST with SAUERKRAUT  
or POTATO SALAD  
"und die feinen Wurstwaren"  
71 Mt. Auburn St., Cambridge  
**491-2842**  
PHIL & CLAUDETTE MARKELL

**SQUASH RACKETS**  
All Makes — Large Variety  
**Tennis & Squash Shop**  
67A Mt. Auburn St., Cambridge  
(Opp. Lowell House)  
TR 6-5417

M. A. Greenhill presents  
a distinguished program of  
Baroque and Renaissance music  
with **ALFRED DELLER** and  
**THE DELLER CONSORT**  
at Jordan Hall  
**SAT., NOV. 19**  
8:30 p.m.  
Tickets: \$4.00/3.00/2.00

livelier lather  
for really smooth shaves! 1.00

lasting freshness  
glides on fast,  
never sticky! 1.00

brisk, bracing  
the original  
spice-fresh lotion! 1.25

**Old Spice**...with that crisp, clean masculine aroma!







## Season record at 5-5-1

# Harriers bow to Holy Cross tie Dartmouth in dual meet

The Varsity cross-country team tied Dartmouth, 28-28, and lost to Holy Cross, 27-29 Saturday. These were the last two dual meets of the season, and they left the team with a 5-5-1 record. Three championship races await the harriers in the next two weeks.

Saturday's contests were run at the Dartmouth course in Hanover, N.H. Once again, weather for the race was excellent, with moderate temperatures and little wind. A golf course in Hanover provided an unusually good race with several hills to climb.

Stan Kozubek '69 turned in his usual fine performance to capture individual honors for MIT. His time for the 4.58 mile race was 24:34. The second finisher, a Holy Cross man, was almost one and a half minutes behind.

John Usher '69, MIT's second man, finished fifth. The next four MIT runners took eleventh through

fourteenth places, and their times were within 15 seconds of one another. In order of finish they were Geoff Hallock '69, Jim Yankaskas '69, Rich Wolfson '69, and Helge Bjaaland '67.

The harriers were somewhat disappointed with the meet, since they were thwarted in their attempt for a winning record. This was the second consecutive year that the team showed an even record. Last year the team record was 4-4-1. The absence of several individuals, due to injuries or other reasons, may have made the difference.

Spirits on the team are high as they look to the Greater Boston Championships today, and the New England's next week. At full strength in these races, the Engineers hope to surprise a few of the teams that defeated them in dual meet competition.

## Coeds first in Man Lab Regatta; win trophy for third straight year

By Sue Downs

In the last and perhaps most important regatta of the year, the ManLab Regatta Trophy, the MIT Women's Sailing Team once again carried home all the honors this last weekend.

Competing against twelve other schools, the girls placed first and won the ManLab Trophy for the third consecutive year. This two-day regatta is sponsored annually by MIT at the MIT pavilion. However, since this is the third year of the trophy's existence, MIT has not yet had to part with the trophy. The ManLab Trophy was donated by the Manufacturing Laboratory, Cambridge.

Sailing for MIT were Ruth McDowell '67 in A Division and Alix Smullin in B Division. Ruth had Fredda Hoffman '68, Lyn Bernhardt '67, Maria Kivisild '69, and Maria Karp taking turns crewing for her, while Alix's crew was Duggie Gordon '68.

At the end of Saturday, MIT was leading with a score one point ahead of Radcliffe.

### Scores

MIT	315
Radcliffe	272
Boston University	255
Tufts	245
Wellesley	232
Northeastern	225
U. of Rhode Island	211
Simmons	198

The boats used were Tech Dinghies.

The wind Saturday was quite calm, until 3 pm, when a weather front set in. With winds of 45 knots and half the fleet capsized,

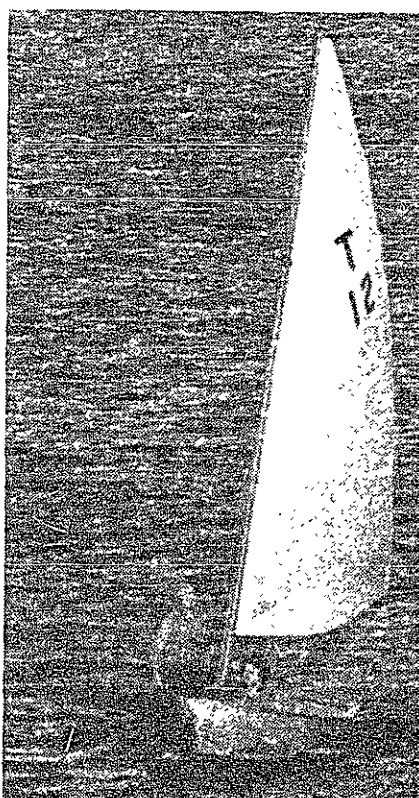


Photo by Jeff Reynolds

Boat 12 leads the pack in the New England Intercollegiate Women's Regatta held last weekend on the Charles.

the race was called off early that afternoon. Sunday, however, the winds were Northwest, about 20 knots.

### AEPI takes third

## SAE "B" tops LCA for title

By Joel Himmelstein

Sigma Alpha Epsilon fortified their hold in intramural football with a 12-6 decision over Lambda Chi Alpha Sunday. The victory brought SAE the "B" League championship to go with the "A" League trophy.

Led by a sparkling defense, which swiped five opposing passes, SAE mixed its offense to take the win. Dave Dewitte '69 engineered the SAEIors to a first half score as he charged over from the one. Lambda Chi tied the score on a lofted pass to tall end Don Riley '70 from quarterback Jim Huifman '70. Riley grabbed the pigskin on the five and galloped into paydirt.

The totals remained deadlocked until late in the fourth quarter, when Scudder Smith '69 stymied a LXA drive with a fine pass theft. The SAEs drove down the field to the end zone, where a Dewitte to Rich Freyberg '70 pass combination notched the winning margin. Again the extra point attempt failed.

Lambda Chi started a last-ditch drive, but again the SAE

# Wisconsin, Penn crews triumph

By Chuck Hottinger

The largest race held to date on the Charles took place Sunday as the Cambridge Boat Club held the second annual Head of the Charles Regatta. Attracting entries from throughout New England, and from Pennsylvania, Wisconsin, and California, the Head of the Charles River Regatta has become established as the major national rowing event of the season.

Placing second in the lightweight eights division, the Engineers tied for the number two slot with the Pennsylvania second boat, thirty-six seconds behind the winning Penn first boat. Finishing in 17:02, the Pennsylvania squad easily took the three-mile event, won last year by MIT. The second place Tech boat, stroked by Jack Ziegler, '68, led the two other MIT boats in the event with the fifth place boat stroked by Bill Arnaud '67 and the number-six shell paced by Michael Neschleba '69.

### heavyweights

Easily leading the heavyweight field, Wisconsin's IR A winners of last June, finished in 16:24, fourteen seconds ahead of second place Northeastern. Finishing eighth in a field of sixteen over the three mile course, the Tech heavyweight seniors, stroked by Dennis Kalla '67, posted 17:21. Tying with Dartmouth for ninth

## Wellesley crew tops MIT coeds

MIT's coed crew team participated in its first intercollegiate competition Thursday at Wellesley College.

Stroking on Lake Waban, on a 2000 foot course, Wellesley won with a time of 1 minute 49.6 seconds. MIT's time was 2 minutes 11.2 seconds. According to Elaine Lancaster '67, MIT's team captain and a transfer from Wellesley a year ago, our defeat is partly due to the difference in Wellesley's equipment. Their shells are one foot wider, their oars are one foot shorter, and the oars have less blade area and are lighter.

The boatings were: Mary Anne Rivet '70, cox, July Woerner '69, stroke, Elaine Lancaster '67, Harriet Fell '64, Dianne Pickering '67, Maria Karpati '69, Eileen Tate '67, Mary Scott '68, and Wendy Jones '70.

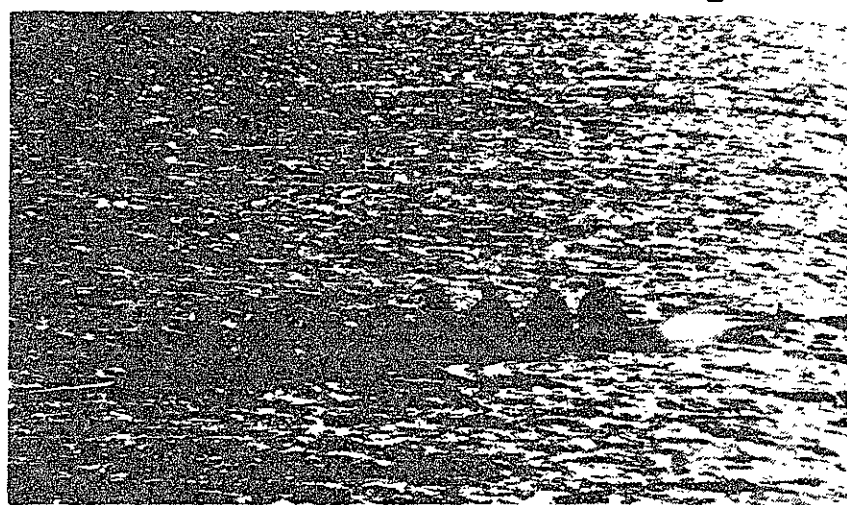


Photo by Jeff Reynolds

MIT shell is silhouetted against the Charles River during Sunday's Head of the Charles Regatta in which schools from throughout the nation participated.

place, the MIT sophomores, paced by Oliver Dashwood '69 at stroke, finished in 17:31. The Junior Engineers, with John Yasaitis stroking, finished tenth in 17:40. Withdrawing from competition at the last moment was the Vesper eight from Philadelphia, winners of the 1964 Olympic competition in Tokyo.

### Sculls

Sculling for the Riverside Boat Club, former Tech heavyweight oarsman Victor Nedaelnitsky '66, finished tenth in a field of twenty in 24:19. Rowing for the MIT Boat Club, Charles Roth placed fourth in the lightweight sculls in 22:17.

### (3 miles)

Lightweight Eights: 1. U. of Penn. 17:02; 2. MIT 17:38; 2. (tied) U. Penn. B. 4. Harvard 17:49; 4. MIT (Arnaud - stroke) 18:27; 6. MIT (Neschleba-stroke) 18:42; 7. Dartmouth 18:48; 8. Penn A. C. 20:28.

Heavyweight eights: 1. Wisconsin 16:24.2. NU "A" 16:38; 3. NU "B"; 4. Harvard; 5. B U; 6. NU "C"; 7. Harvard; 8. MIT Seniors 17:21; 9. MIT Sophomores 17:31; 9. (tied) Dartmouth; 11. MIT Juniors 17:40.

### How They Did

#### Soccer

MIT (V) 2, Norwich 5  
MIT (F) 0, Brown 6

#### Cross Country

MIT (V) 27, Holy Cross 29,  
Dartmouth 27  
MIT (F) 59, Holy Cross 30

#### Sailing

Coeds won ManLab Regatta Trophy  
Varsity won Nevins Trophy

#### Crew

Wellesley defeated coeds  
Lightweights second and  
Heavyweights eighth in  
Head of Charles Regatta

## Kickers bow to Norwich 5-2; loss snaps win streak at 3

By Paul Baker

Norwich College snapped MIT's varsity soccer winning streak at three games Saturday by defeating the Engineers 5-2 in a game played at Norwich.

The Tech efforts, seriously handicapped by the absence of five starting players, were not enough to halt the offensive punch of Norwich, who scored four goals in the first half.

MIT played poorly during that time. They showed little hustle and were repeatedly beaten to the ball. Norwich, taking advan-

tage of the situation, managed to score some cheap goals.

The contest was a seesaw affair in the third quarter with neither team able to score. In the fourth quarter, however, MIT came to life. George Busby '68, in an attempt to center a lead pass to Joe Kadich '69, scored when the Norwich fullback deflected the ball into the goal. They suddenly became fired up, and Dave Dimlich '68 booted a long shot into the net, adding to the excitement. It appeared that MIT might have gained the momentum for a comeback victory, but all hopes were crushed when Norwich scored its fifth goal with only three minutes left to keep out of reach.

Considering their tremendous disadvantage, the Engineers played a good game. If not for the mistakes of the first half, they would have been in the contest all the way.



Photo by Jeff Reynolds

Dave DeWitte '69, the SAE "B" team quarterback, goes in unmolested for the SAEIors first score in their 12-6 victory over LXA. The victory gave SAE the "B" division championship, their

defense held up when Nick Covatta '68 swiped the fifth SAEIor interception.

Meanwhile, the AEPI eight swamped Baker "A" 38-0 to sew up third place in the B league.

A stunning defense, which turned two blocked points into scores and intercepted five passes, and the Steve Kantor '68 to Ron Mandile '65 offense sparked the Pi's to success.

## Track meeting

There will be a meeting for prospective track team members this afternoon at 5:15 in the Varsity Club Lounge of the duPont Gymnasium. Candidates for both varsity and freshman teams are encouraged to attend.

### On Deck

Tuesday, November 1

Cross Country (V&F)—Greater Boston's, Franklin Park

Wednesday, November 2

Soccer (F)—Phillips Exeter, Away, 3 pm

Thursday, November 3

Soccer (JV)—Boston U. Frosh, Home, 3 pm

Second-class postage paid at Boston, Massachusetts. The Tech is published every Tuesday and Friday during the college year, except during college vacations, by The Tech, Room W-20-403, MIT Student Center, 84 Massachusetts Avenue, Cambridge, Massachusetts 02139. Telephone: Area Code 617, 876-5151, and 864-6900 extension 2721. United States mail subscription rates: \$4.25 for one year, \$8.00 for two years.